

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-009120**Date Inspected:** 07-Sep-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name: Zhu zhong hai
Inspected CWI report: Yes No N/A
Electrode to specification: Yes No N/A
Qualified Welders: Yes No N/A
Approved Drawings: Yes No N/A

CWI Present: Yes No
Rod Oven in Use: Yes No N/A
Weld Procedures Followed: Yes No N/A
Verified Joint Fit-up: Yes No N/A
Approved WPS: Yes No N/A
Delayed / Cancelled: Yes No N/A

Bridge No: 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.

BAY#14

FCAW welding of weld joint 3F-130 located on PCMK SSD13-PP78 of 9CW welder is identified as 0202122. ZPMC QC is identified as Mr. Xu tao . The welding variables recorded by QC appeared to Comply with the WPS-B-T-2133.

FCAW welding of weld joint 1G-004 located on PCMK CA73 of 10BW welder is identified as 062708.ZPMC QC is identified as Mr. Li ming yang. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2231-Tc-U4b-F.

SMAW welding of weld joint 4G-127 located on PCMK SSD14A-PP77 of 9CW welder is identified as 045246. ZPMC QC is identified as Mr.Li ming yang. The welding variables recorded by QC appeared to Comply with the WPS-B-P-2214-Tc-U4b

Segment#6AW

SMAW welding of repair weld joint 2G-004 located on PCMK SSD12-PP40 of 6AW welder is identified as 45133.ZPMC QC is identified as Mr. Zhang qiang. The welding variables recorded by QC appeared to Comply

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with the WPS-345-SMAW-2F(2G)-Repair and WR7065.

SMAW welding of repair weld joint 2G-003 located on PCMK SSD09-PP37 of 6AW welder is identified as 067103.ZPMC QC is identified as Mr. Zhang qiang. The welding variables recorded by QC appeared to Comply with the WPS-345-SMAW-2F(2G)-Repair and WR7062.

SMAW welding of repair weld joint 2G-003 located on PCMK SSD10-PP38 of 6AW welder is identified as 045276.ZPMC QC is identified as Mr. Zhang qiang. The welding variables recorded by QC appeared to Comply with the WPS-345-SMAW-2F(2G)-Repair and WR7062.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No Relevant Conversation.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Jim Simonis - 134-7246-3441, who represents the Office of Structural Materials for your project.

Inspected By:	Kumar,Chadra	Quality Assurance Inspector
Reviewed By:	Clifford,William	QA Reviewer
